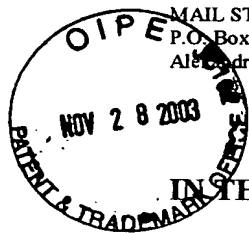


61

AH/1700  
09/507,605

I hereby certify that this correspondence is being deposited with the United States Postal Service  
as first class mail in an envelope addressed to:  
Commissioner for Patents  
MAIL STOP AF  
P.O. Box 1450  
Alexandria, VA 22313-1450, on Nov. 26, 2003 Jean Paikle



RECEIVED  
DEC 03 2003  
TC 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	) Examiner: Jennifer A. Leung
	)
WEN-CHING YANG	) Art Unit: 1764
	)
Serial No.: 09/507,605	) Entitled
	)
Filed: February 21, 2000	) IMPROVED FLUIDIZED BED
	) REACTOR DESIGN
Atty Docket No. RDM 98-002	)

November 26, 2003

Eckert Seamans Cherin & Mellott  
600 Grant Street, 44th Floor  
Pittsburgh, PA 15219

Commissioner for Patents  
MAIL STOP AF  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION DATED SEPTEMBER 5, 2003**

**INTRODUCTION**

Claims 1, 2, 4-6, 8-10 and 12-21 are currently pending in this application. A Final Office Action issued September 5, 2003 rejecting all of the pending claims. Claims 1, 2, 4-6, 8-10 and 12-21 were rejected under 35 USC § 112, second paragraph, as indefinite and Claims 1, 2, 8, 9, 14, 15 and 18 were rejected under 35 USC § 102 as being anticipated by Uemura et al. (US Patent 4,308,806). In addition, Claims 4-6 and 17 were rejected under 35 USC § 103(a) as being obvious over Uemura et al. in view of Bogner et al. (EP 0 150 091). The Examiner indicated that Claim 13 would be allowable if rewritten to overcome the objections raised under 35 USC § 112, second paragraph, and to include all of the limitations of the base claim and any intervening claims. The following is an amendment and response to this outstanding Office Action.

BEST AVAILABLE COPY